

Atlanta Ham

THE OFFICIAL BULLETIN OF THE ATLANTA RADIO CLUB, W4DOC

MAY 2001

SILENT KEY...W4MY



Don Brown, W4MY, honored as Life Member of ARC October 1992. Club Treasurer, Scott Straw, K3GO, thanks Don for his many years of dedication to the club and hobby he loved so much.

In Memory...

Don Brown, W4MY

July 28, 1908 – April 11, 2001

Long-time Ham and ARC Member, Don Brown W4MY, passed away Wednesday April 11, 2001. Don was a member of ARC for more than 50 years. Don contributed to the building of what is now The Atlanta Radio Club... a thriving organization and memory to his dedication to the world of amateur radio. Memorial contributions may be made to Park Street United Methodist Church, 793 Park St., SW Atlanta, Ga 30310

Welcome... Atlanta Hamfest 2001

June 2, 2001 Jim Miller Park Cobb Co. Marietta

HAM GEAR...HAM GEAR...HAM GEAR

Welcome...

ARRL GA SECTION CONVENTION

HAM GEAR, COMPUTER STUFF, SOFTWARE, BOOKS,
ELECTRONICS, TESTING, DX CARD CHECKING
FOOD, FORUMS, FRIENDS and more...

Time: 9AM – 4PM

Admission: \$5...Under 18 Free

Unlimited Tailgating Space: \$10

Free Parking, Handicapped friendly fest,

ARRL's Brennan Price, N4QX, comes to Atlanta May 31st – June 2, 2001

ARC welcomes ARRL Staffer Brennan Price, N4QX, who is down from Newington for our annual Hamfest. If you are a club member who is working the Hamfest, this is your chance to see Brennan. Brennan will also be speaking at 1PM on the day of the Hamfest. This is your chance to meet Brennan and learn about his topic: **HF Interference and Interlopers**. Brennan is the ARRL Frequency Coordinator and past president of the Georgia Tech Radio Club.

THE ATLANTA HAM

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Submit articles:

Atlanta Radio Club
Attn: HAM EDITOR
PO BOX 942150
Atlanta, Georgia 31141

Contact the editor for available formats to transfer material.

DEADLINE FOR SUBMISSIONS IS THE 21ST OF EACH MONTH!

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THE ATLANTA RADIO CLUB, W4DOC

Originally known as the "Atlanta Wireless Club," the Atlanta Radio Club is one of the oldest and largest amateur radio clubs in the United States. With nearly 200 members, the Club sponsors numerous activities and services for its membership and for the Atlanta area amateur radio community.

The Club is best known for its sponsorship of the annual Atlanta HamFestival, a Saturday event which hosts many vendors, exhibitors, and flea marketers of amateur radio equipment and other electronic equipment, including computers



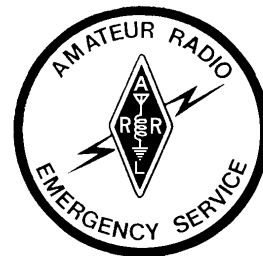
Bank of America Tower
Site of Atlanta Repeaters:
146.82(-), 224.34(-) and 444.825(+)

W4DOC REPEATERS

The Atlanta Radio Club operates six repeaters at two locations. Currently our most active project is at the Bank of America Tower where we operate three repeaters at 146.82(-), 224.34 (-), and 444.825(+). All our repeaters are undergoing extensive renovations during the summer of 2000. On the web, go to <http://www.saf.com/arc/repeater.pdf> for a Acrobat 4.0 diagram of what we plan to have on the air by late spring or summer 2001

Our second location is the WFOX broadcast tower at Chestnut Mountain, south of Gainesville, GA. We operate three repeaters on 145.35(-) & 444.45 (+) . These repeaters are being renovated under the expert guidance of Tim, WK4U, and should also be on the air by July 2001. For pictures of that site, see <http://www.saf.com/arc/wfox.html>

ASSOCIATE ORGANIZATIONS



MEETING NOTICE

WHEN: Thursday May3, 2001 730pm
WHERE: The Red Cross Training Rooms
Lindbergh Plaza, Sidney Marcus
& Piedmont Ave
TALK IN: 146.820
PROGRAM: **Ted Hatfield, KQ4IC** presents his other
hobby: Remote Controlled Airplanes.

WHEN: Thursday May31, 2001 730pm
WHERE: The Red Cross Training Rooms
Lindbergh Plaza, Sidney Marcus
& Piedmont Ave
TALK IN: 146.820
PROGRAM: ARRL National Frequency Coordinator
Brennan Price, N4QX,
HF Interference and Interlopers

PRESIDENT'S MESSAGE – PENN K4PE

For our May 3rd meeting we welcome Ted Hatfield, KQ4IC, who will present his other hobby: Remote Controlled Airplanes. Ted has mounted an ATV camera and transmitter into the nose of one of his larger RC Airplanes with a wingspan of 96." This plane is so large he doesn't plan to bring it, but he will tell us how he did it. He will also bring several of his smaller planes. Ted is a retired Air Force Flight Surgeon and is a regular on the 146.82 Sunday night net. See you May 3, and May 31 for special meeting!

73's Penn, K4PE

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Looking for contributions to The Ham...



Have you ever had the itch to write? Here's your chance. Do you have an experience or some expertise you can share with the rest of the club? Put it in writing and submit to the newsletter editor, John KI4Y, at john@talipsky.com. Past Hams have included many articles from club members. Be a part of it!

Many older club members remember "The Old Goat" Byron Lindsay who wrote about anything and everything

HOPEFUL SPACE TOURIST TITO IS NOW KG6FZX

The ARRL Letter 4/14/01

Wealthy US businessman Dennis Tito, who hopes to be the first space tourist aboard the International Space Station, now is an Amateur Radio operator. Tito, 60, has been in Russia training to go into space.

Last weekend a volunteer examination session was set up for Tito in Russia and he passed the Technician exam. The FCC issued Tito the call sign KG6FZX April 11. It's not clear at this point how Tito plans to use Amateur Radio aboard the ISS.

Press accounts say Russia has given Tito the go ahead to visit the ISS as part of a three-man team that will blast off April 28 on a 10-day mission. Tito reportedly is paying the cash-strapped Russian space program some \$20 million for the privilege of being the first space tourist. Accompanying Tito into space will be Talgat Musabayev as team commander, and Yuri Baturin as onboard engineer. Tito reportedly will handle communications systems during the flight.

Tito, the founder of a California investment firm, studied aerospace engineering in college and later worked for five years at NASA's Jet Propulsion Lab. He told a news conference that he's excited about the prospect of going into space and he's looking forward to the experience. Tito had hoped to visit the Russian Mir space station, but those plans had to be scrapped when the



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Russians decided that it was time to deorbit the aged spacecraft.

The prospect of Tito's visit aboard the ISS has generated some tension between the US and Russian space agencies. NASA chief Dan Goldin has suggested that Tito's planned visit this month would be a disruption to the Expedition 2 crew during a complex mission. Russia's space agency director general Yuri Koptev said the mission will go forward. He said Russia does not need permission from its international partners to fly specific individuals to the space station.

METRO TESTING SESSIONS

Call ahead to verify session and be prepared with the appropriate forms and required papers. A small fee may be charged. Check with the VEC

First Sunday WCARS VEC
2:00 PM (Except July and September)
Johnson High School
3305 Poplar Springs Road, Gainesville
Terry Jones, W4TL (770)967-6364

Second Tuesday 7:00 PM
Walton EMC Building
3645 Lenora Church Road, Snellville
Wayne Taylor, WD4CCA (770)498-7759

Second Saturday CA VEC 8:30 AM
Stone Mountain Methodist Church
5312 West Mountain Street, Stone Mountain
Hal Martin, K14RD (770)978-9160

Third Saturday CA VEC 9:00 AM
Marietta First United Methodist Church
Room 305
56 Whitlock Avenue, Marietta
Larry Huff, WA4CQZ (770)955-3171

Fourth Tuesday ARRL VEC 7:00 PM
United Way Service Center
6279 Fairburn Road, Douglasville
Jessie Clower, KB4WFK (770)942-6466

Fourth Friday W5YI VEC 7:00 PM
St. John Neumann Church
801 Tom Smith Road, Lilburn
Headphones provided
Howie Gould, W9HG (770)921-8362

ACTIVITIES CALENDAR FOR APRIL 2001

ATLANTA HAMFEST 2001... Always looking for volunteers. This is a good chance to have some fun and see what goes on behind the scenes in planning for a Hamfest. Jobs are easy, give me a call John Talipsky, 770-995-6446

REPEATER UPDATE

444.825 went off the air Friday April 20. The MSF5000 is no longer transmitting and the problem seems to be with the MSF5000 control board. We hope to have it going again in a few weeks.

On Saturday April 21 Dennis, KF4MHW, installed a 440 northbound link antenna. I am presently using this antenna for the remote base link for IRLP, but it will eventually be used for the FOX/Chestnut Mtn/145.35 link. Sunday Dennis repaired the Vocom VHF Power Amplifier, and on Monday Dennis and I installed the monster. (The Vocom is a monster because running full power it is capable of 300 Watts output. No power supply we've seen can handle it!) We are putting about 125 Watts into the feedline, up from 20 watts. Thanks for all your good work, Dennis!!

The SE VHF Link Net on Wednesday nights has attracted over 70 check-ins every night we've participated. Come join on the fun as stations from five Southeastern states link repeaters. The ARC's purpose in participating in this net is to test our hardware for the SKYWARN link. The Wednesday night net uses the same linking technology as our Skywarn link.

I have programmed our 146.82 repeater to automatically link up Wednesday nights at 8:55PM, and down at 10:15PM. The repeater will warn you by beeping and announcing "Please clear the Frequency. Repeater will link in two minutes." With IRLP available this linking technology loses some of its excitement, but our RF link provides a more reliable mode than the IRLP system. In the event of severe weather it is almost impossible for us to lose the Skywarn network link because of the backup power the bank provides. By contrast IRLP depends on my AT&T Cable modem and Georgia Power residential electrical service.

SIGNMAN of Baton Rouge



ORDER THE W4DOC BADGE!



The Atlanta Amateur Radio Club badge has a SILVER background with BLUE letters and the CLUB LOGO in GOLD. The distinctive Atlanta skyline; designed by Roy Epps, K4UWO; makes this name tag unique. The ARC badge is \$8.75 (includes s&h).

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FOR MORE INFORMATION WWW.SAF.COM/ARC

MAY 2001 CONTESTING SCHEDULE

ARI International DX Contest, sponsored by the Associazione Radioamatori Italiani, from 2000Z May 5 until 2000Z May 6. 160 80 40 20 15 10 meters (no RTTY on 160 meters). Single op CW/phone/RTTY/mixed mode; multi-single (mixed mode only). Once on a band or mode, you must remain there for 10 minutes. Everybody works everybody. Send RS(T) and serial number; Italian stations send RS(T) and two-letter province identifier. Score 1 pt/QSO w/different countries on own continent; 3 pts/QSO w/different continent; and 10 pts/QSO w/I or IS stations. Work stations once per band and mode; multipliers count once per band. Stations in your own country may be worked for multiplier credit only. Final score is QSO pts \times Italian provinces (max 103) and DXCC entities (except I and IS0) per band. Awards. Electronic entries accepted. Send logs within 30 days to ARI Contest Manager, Paolo Cortese, I2UIY, POB 14, I-27043, Broni (PV) Italy; i2uiy@contesting.com; www.kkn.net/~i2uiy/.

Ten-Ten International Net Spring CW QSO Party, sponsored by Ten-Ten International, from 0000Z May 5 until 2400Z May 5. CW only, 10 meters only. Single op, club or QRP categories. Send call, name, state/country and 10-10 number (if member). Score 1 pt/QSO w/nonmembers, 2 pts/QSO w/US members and 3pts/QSO with DX members. Final score is total QSO pts. Send logs by May 17 to Gateway Chapter, c/o Con Ward WØRTV, 4514 Ferrer Dr, St. Louis, MO 63129-3741.

VHF/UHF Spring Sprint, 902 MHz/1296 MHz/2304 MHz. May 5, see Apr QST page 109.

CQ-M International DX Contest, sponsored by Krenkel Central RC of Russia, 2100Z May 12 to 2100Z May 13. CW, Phone, SSTV, 160 80 40 20 15 10 meters plus satellites. Categories: Single op-single band CW, SSB, mixed mode or satellites; single op, multiband CW, SSB, mixed mode or QRP (mixed mode, <5 W you must send /QRP); multi-single (multiband, mixed mode); SWL or WWII veteran (multiband, mixed mode); SSTV (single or multiop, multiband, SSTV only). Change bands only once per 10 minutes. Work stations once per band, regardless of mode. Exchange RST and serial number. Scoring 1pt/QSO with own P-150-C country, 2pt/QSO with another P-150-C country, 3pt/QSO with another continent. Multipliers: Each country in the P-150-C award country list counts as a multiplier only once per band. Final score is the sum of all QSO points, times sum of all multipliers. Awards. Send logs by Jul 1 to CQ-M Contest Committee, Krenkel Central Radio Club of Russia, Box 88, Moscow, 123459, Russia; cqm@mail.ru; www.mai.ru/~cqc-cq-m/cqmain_e.htm.

CQ WW WPX Contest, CW. May 26-27 see March QST page 114.

ARCI QRP Hoot Owl Sprint, CW, sponsored by QRP ARC International, from 2000 until 2400 local time May 27. Categories single band, all band, high band (20, 15, and 10 meters), low band (160, 80, and 40 meters). Work stations once per band. Send signal report, state/province/DXCC entity and QRP ARCI number if member (nonmembers send power output). 1.830 3.560 3.710 7.040 7.110 14.060 21.060 21.110 28.060 28.110. Count 5 points per QSO with ARCI members. Others count 2 points per same continent and 4 points per different

CLASSIFIEDS

EQUIPMENT

Cushcraft A4 Yagi for 40, 30, 20, 15, & 10 meters. About ten years old, needs refurbishing. Sells for \$450 new; Asking \$220. K4WK@bellsouth.net or phone Wayne at 404/378-8722.

FREE CLASSIFIED ADS!

continent. Multiply QSO points by state/province/DXCC entities worked per band and by power multiplier (>5 W \times 1; <5 W \times 7; <1 W \times 10; <250 mW \times 15). Certificates. Mail entries by June 28 to QRP ARCI Contest Manager, Randy B. Foltz, 809 Leith St, Moscow, ID 83843; rfoltz@turbonet.com; personal. palouse.net/rfoltz/arci/arcitst.htm

Memorial Day CW Sprint, sponsored by the Michigan QRP Club, 2300Z May 28 until 0300Z May 29. CW only, 160 80 40 20 15 10 6 meters. Classes <250 mW; 250 mW to 1 W; 1 W to 5 W; and over 5 W. Exchange RST, state/province/DXCC entity and power output (MI-QRP members send membership number). Work stations once per band. Score 5 pts/QSO w/MI-QRP members, 4 pts/QSO w/nonmembers outside W/VE and 2 pts/QSO with W/VE nonmembers. Multiply QSO points by states/provinces/DXCC entities worked per band \times 1.25 if you are using a homebrew receiver or transmitter. Awards. Send logs to L.T. Switzer, N8CQA, 427 Jeffrey Ave, Royal Oak, MI 48073-2521; n8cqa@tir.com; www.tir.com/~k8dd/rules97.htm.

ATLANTA RADIO CLUB, INC P.O. Box 942150 Atlanta, GA 31141-2150

New ☐ Renewal ☐ Treasurer Use: Date Paid: _____ Amount: _____ Cash ☐ or Check# _____
Name _____ Call _____ Class _____
Address _____ City _____ ST _____ Zip _____
Phone _____ E-mail _____ Birth _____
Occupation _____ Spouse's Name _____

Type of Application ☐ Voting \$22 ☐ Associate \$15 ☐ Student \$8 ☐ Family \$2(non-voting)

Are you a member of ARRL (Y/N) _____ Please include my renewal/new membership in ARRL when processing this Application! (Y/N) _____

ARRL Membership Dues are as follows: ☐ Regular ☐ Family/Blind ☐ 65 or older (Proof of age required)

<input type="checkbox"/> 1 year	\$34	\$5	\$28
<input type="checkbox"/> 2 year	\$65	\$10	\$53
<input type="checkbox"/> 3 year	\$92	\$15	\$76

ARRL Dues include subscription to QST Magazine (Except Family/Blind memberships)

DUES PAID: ARC \$ _____ + FAMILY \$ _____ TOTAL \$ _____
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Make your check payable to Atlanta Radio Club SUMMARY \$ _____

I would like to receive the club newsletter in the following format: _____ PDF(WEB) _____ USPS
(Electronic or PDF via the web greatly reduces the amount of funds required to be allocated from each membership.
The Atlanta Radio Club makes every effort to keep membership dues at a minimum and because of efforts like
electronic newsletters we are able continue to offer the most affordable membership rate in the Atlanta Metro Region)



DO YOU KNOW ME?

COME FIND ME JUNE 2ND!

ATLANTA HAMFEST 2001 FORUM SCHEDULE...

900AM **PSK-31**

1000AM **QRP
ARES**

1100AM **Portable Antennas, Simplicity to
Ambitious**

1200PM **BASIC/STAMP PIC Controllers**

100PM **American Radio Relay League, ARRL**

200PM **AMSAT, Amateur Satellite**

Tall Pine Intertie - First link success!

Source: Penn McClatchey, K4PE

April 27, 2001- SGRA Press release- The first major long haul link in to the Tall Pine Intertie linking system is a success!

As of Tuesday April 24 the first testing of the link between Waycross and Valdosta began. For the first time in Amateur Radio history Hand-Held users in Valdosta and Waycross were able to communicate via the TPI on a regular basis. Both Dan N4ELN (Valdosta) and Don AE4PO (Waycross) were quoted as saying that it sounded like the other was in the room with them as they talked to each other on the HTs. Other coverage reports have had Amateurs in St Marys / the east coast, I95, I75, Alma, Douglas, Florida, etc. able to communicate vast distances through the TPI system using only 2 meter HTs and Mobiles.

At the present time Waycross, Valdosta and Lake Park are all linked full time via the TPI. Work is underway to link Nashville and Tifton / Ashburn areas by the end of this year.

Member repeaters that are on line are:

147.255 Waycross
145.130 Valdosta
147.135 Lake Park

Remember the CTCSS tone for all repeaters is 141.3 Hz and there is no special user codes

needed to access the system - Just key up and put out a call...

The over all primary purpose of the Tall Pine Intertie is to support Amateur emer-

gency communications and to link Amateurs together in South Georgia area.

Please support the TPI

Thank you

SCITREK – 4th Saturday of every month, 12 – 3PM

As some of you already know the ScitreK Museum has an Amateur Radio Station. You can learn more about this station called "STARS" at <http://www.america.net/~w4qo/stars.html>. It is described as "one of the most impressive amateur radio stations in the Atlanta area." This station provides a great way to introduce kids of all ages to the hobby!

The Station Manager of STARS, Jim Stafford, W4QO, has approached our club about staffing the station one Saturday per month from noon to 3 PM (longer is FB). I have accepted the job of staffing the station the 4th Saturday of each month, and I hope that we'll make this a club responsibility at our April meeting. Eight other clubs in Atlanta are participating. In order to volunteer you need to make an appointment with Jim, me, or one

of the other members of STARS to familiarize yourself with the station.

The orientation should take less than 30 minutes. You will receive an ID card that will give you access to the station whenever the museum is open. With the ID card, you will have access to a working HF/VHF/ Packet/SSTV/ATV/Satellite (soon) club station in return for volunteering perhaps one Saturday afternoon

You operate commensurate with your privileges. You can still operate VHF (85' tower with 6 and 2 meter beams on top) if you do not have HF privileges. You can always listen around on HF. This is a fantastic opportunity that I personally could not refuse. Please contact Jim or me for your orientation session, typically on the 4th Saturday of each month. It should be fun, fun, fun.